

CLAIMS

1. Connecting foot for orbital movement machines for machining surfaces, in particular for orbital sanders, characterised in that it comprises an internal cylinder of hard plastic and an external coating of rubber.

5 2. Foot according to claim 1, characterised in that an axial hole passes through said internal cylinder, filled with a rod of rubber positioned to connect the end heads of said external coating.

3. Foot according to claim 1, characterised in that said external coating comprises two concavities in line with the two heads.

10 4. Foot according to claim 1, characterised in that said external coating is constituted by a single piece that completely covers said internal cylinder.

5. Orbital sanding machine, comprising a machine body that supports a motor for the rotation of a vertical shaft, a rotative orbital plate connected eccentrically to said shaft by means of an eccentric hub in relation to the axis of the shaft and elastic connecting feet between the operating plate and the machine body, characterised in that said connecting feet comprise an internal cylinder of hard plastic and a rubber coating and in addition a rubber ring is provided for, which surrounds the feet group so as to prevent the reaction torque applied to the plate from modifying the initial set-up of the plate itself and thanks to a conveyor it also creates an area protected from the dust, inside which the feet are placed.

20 6. Machine according to claim 5, characterised in that said internal cylinder of the connecting feet has an axial hole passing through it filled with a rubber rod positioned in connection with end heads of said external coating.

25 7. Machine according to claim 5, characterised in that said external coating comprises two concavities in correspondence with the two heads.

8. Machine according to claim 5, characterised in that said external coating consists of one single piece that completely encloses said internal cylinder.